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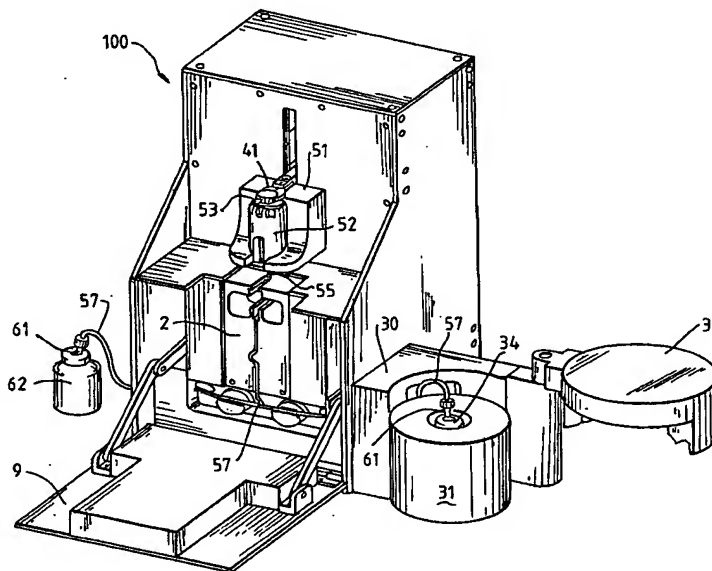
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**Declarations under Rule 4.17:**

— as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS,

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(54) Title: PROCESS AND DEVICE FOR THE DOSE DISPENSING OF A RADIOACTIVE SOLUTION



(57) Abstract: A method of and a device (100) for automatically dispensing radioactive doses by filling a container (53), being a vial or disposable syringe, with a required radioactive dose in a sterile environment, the device (100) being stand alone and radiation shielded. The device (100) further includes control means to accurately dispense and dilute the requested radioactive dose using an on-line radioactivity measurement without any need for knowledge of the volumetric radioactivity of the stock solution.

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